

**IN THE CLAIMS:**

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Please cancel claims 5, 13, 22, 24 and 25, without prejudice.

Please amend claim 8.

Please add new claim 26.

The following is a complete listing of the claims.

1. A nucleotide sequence encoding substantially the amino acid sequence shown in Figure 10 (SEQ ID No: 2) or a functional equivalent of said nucleotide sequence.
  2. A nucleotide sequence comprising substantially the sequence of B2 shown in Figure 3 (SEQ ID No: 3), or a functional equivalent thereof.
  3. A nucleotide sequence comprising substantially the sequence of B4 shown in Figure 3 (SEQ ID No: 4), or a functional equivalent thereof.
  4. A nucleotide sequence comprising substantially the sequence of B10 shown in Figure 3 (SEQ ID No: 5), or a functional equivalent thereof.
  5. Cancelled.
  6. A nucleotide sequence encoding substantially the amino acid sequence of B6 shown in Figure 4 (SEQ ID No: 7), or a functional equivalent thereof.
  7. A portion of any of the above sequences, comprising at least 500 base pairs and having at least 90% sequence homology to the corresponding portion of the sequence from which it is derived.
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- B<sup>2</sup>
8. (Currently Amended) A nucleotide sequence comprising substantially the sequence shown in Figure 5 (SEQ ID No: 8), Figure 6 (SEQ ID No: 9) or Figure 7 (SEQ ID No: 10), or a functional equivalent thereof.
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9. A nucleic acid construct comprising a nucleotide sequence in accordance with any of the preceding claims.

10. A construct according to claim 9, wherein the sequence is operably linked, in sense or antisense orientation, to a promoter sequence.
11. An expression vector comprising a construct according to claim 9 or 10.
12. A host cell into which has been introduced a sequence, construct or vector in accordance with anyone of the preceding claims.
13. Cancelled.
14. A method of altering the characteristics of a plant, comprising introducing into the plant the sequence of any one of claims 1 to 11 operably linked to a suitable promoter active in the plant so as to affect expression of a gene present in the plant.
15. A method according to claim 14, wherein the sequence is linked in the antisense orientation to the promoter.
16. A method according to claim 14 or 15, wherein the plant is a wheat plant.
17. A method according to claim 14, 15 or 16, wherein the characteristic altered relates to the starch content and/or starch composition of the plant.
18. A plant or plant cell having characteristics altered by the method of any one of claims 14 to 17, or the progeny of such a plant or part of such a plant.
19. A plant, plant cell, progeny or part thereof according to claim 18, wherein the plant is a wheat plant.
20. A storage organ from a plant according to claim 18 or 19.
21. A plant, plant cell, progeny or part thereof according to any one of claims 18 to 20, containing starch having an elevated geletinisation onset and/or peak temperature as measured by DSC compared to starch from a similar, but unaltered, plant.
22. Cancelled.

23. A method of making altered starch, comprising altering a plant by the method of any one of claims 14 to 17, and extracting therefrom starch having altered properties compared to starch extracted from equivalent, but unaltered, plant.

24. Cancelled.

25. Cancelled.

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**B<sup>1</sup>** 26. (New) The nucleotide sequence according to claim 1, comprising SEQ ID NO: 1.

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